

233 South Wacker Drive Suite 800 Chicago, Illinois 60606

312 454 0400 www.cmap.illinois.gov

## **MEMORANDUM**

To: CMAQ Project Selection Committee

From: CMAP Staff

**Date:** July 17<sup>th</sup>, 2014

**Re:** CMAQ Project Change Requests

Five projects have submitted change requests for committee consideration and one administrative modification was completed. The sponsors' requests are attached. The below table summarizes the effect of the requests on the overall program, by federal fiscal year, if all are approved. Administrative modifications are included in the Current Program figures.

	2014	2015	2016	2017	2018
Current Program*	\$182,505,734	\$125,505,918	\$62,208,806	\$76,286,316	\$36,166,750
Unprogrammed Balance*	(\$44,361,815)	(\$20,092,580)	\$36,204,532	\$29,127,022	\$69,246,588
12-12-0004	\$46,000				
08-12-0006	\$99,000	\$1,848,000			
03-08-0002	\$516,508				
07-12-0001	\$932,000				
11-03-0007	\$713,637				
Sum of requested changes	\$2,307,145	\$1,848,000	\$0	\$0	\$0
Revised Program	\$184,812,879	\$127,353,918	\$62,208,806	\$76,286,316	\$36,166,750
Rev. Unprogrammed Balance	(\$42,055,307)	(\$18.244.580)	\$36,204,532	\$29,127,022	\$69,246,588

<sup>\*</sup> Source: CMAQ Programming Summary and Obligation Goals table. Includes Administrative Modifications. Note that with the approval of these changes approximately \$1.5 million remains available to program in the CMAP TIP in FFY 2014 and approximately \$900,000 in FFY 2015.

## For Committee Consideration:

#### Frankfort – St. Francis Rd. Multi-Use Trail (TIP ID 12-12-0004)

This project was originally approved for \$12,000 federal CMAQ (\$15,000 total) for phase 2 engineering in FFY 2014 and \$130,000 federal CMAQ (\$162,000 total) for construction in FFY 2015 for a project total of \$142,000 federal CMAQ (\$187,000 total).

The sponsor is requesting to transfer \$12,000 federal CMAQ (\$15,000 total) from phase 2 engineering in FFY 2014 to construction in FFY 2015 and a cost increase of \$46,000 federal CMAQ (\$58,000 total) for construction. The trail is being designed and constructed with the St. Francis roadway improvement project therefore phase 2 engineering will be completed using local funds. The construction cost estimate has increased due to the combined effects of additional embankment materials and restoration identified during phase 1 engineering and additional ADA compliance improvements. If the request is approved the total programmed for construction, including CE, would increase to \$188,000 federal CMAQ (\$250,000 total) and the total project cost would increase to \$188,000 federal CMAQ (\$275,000 total).

A re-ranking was completed with the project ranking changing from  $4^{th}$  to  $8^{th}$  among all 2012-2016 Bicycle Facilities proposals. The ranking among GO TO 2040 supportive projects changed from  $6^{th}$  to  $7^{th}$ .

**Recommendation to the CMAQ Project Selection Committee:** Staff recommends approval of the request to transfer \$12,000 federal CMAQ (\$15,000 total) from phase 2 engineering in FFY 2014 to construction in FFY 2015 and a cost increase of \$46,000 federal CMAQ (\$58,000 total) for construction, for a total project cost of \$188,000 federal CMAQ (\$275,000 total) for Frankfort – St. Francis Rd. Multi-Use Trail (TIP ID 12-12-0004).

# DuPage County - Fabyan Pkwy/Washington St at Roosevelt Rd (TIP ID 08-12-0006)

This project was originally approved for \$525,000 federal CMAQ (\$750,000 total) for phase 2 engineering in FFY 2012, \$200,000 federal CMAQ (\$250,000 total) for ROW in FFY 2012, and \$5,600,000 federal CMAQ (\$8,000,000 total) for construction in FFY 2015 for a project total of \$6,325,000 federal CMAQ (\$9,000,000 total). The project received a cost increase in 2013 for \$1,510,000 federal CMAQ (\$1,864,000 total), after which the amount for phase 2 engineering increased to \$450,000 federal CMAQ (\$563,000 total), ROW to \$960,000 federal CMAQ (\$1,200,000 total), and construction to \$6,400,000 CMAQ (\$9,000,000 total) for a project total of \$7,810,000 federal CMAQ (\$11,224,000 total).

The sponsor is now requesting an additional cost increase of \$99,000 federal CMAQ (\$123,000 total) for phase 2 engineering in FFY 2014 and \$1,848,000 federal CMAQ (\$1,310,000 total) for construction in FFY 2015 for a total increase of \$1,947,000 federal CMAQ (\$1,433,000 total). The cost of this project has increased as a result of the latest engineer's estimate (pre-final plans) based on current unit prices and final scope of work. If the request is approved, the total programmed amount would increase to \$9,757,000 federal CMAQ (\$12,657,000 total).

A re-ranking was completed with the project ranking changing from 68th to 71st among all 2012-2016 Intersection Improvement proposals. The ranking among GO TO 2040 supportive projects remained the same at 35th.

**Recommendation to the CMAQ Project Selection Committee:** Staff recommends approval of the requested cost increase of \$99,000 federal CMAQ (\$1,230,000 total) for phase 2 engineering in FFY 2014 and \$1,848,000 federal CMAQ (\$1,310,000 total) for construction in FFY 2015 for a

CMAQ0714 2

project total of \$9,757,000 federal CMAQ (\$12,657,000 total) for DuPage County – Fabyan Pkwy/Washington St at Roosevelt Rd (TIP ID 08-12-0006).

# Des Plaines – Central Ave from Wolf Rd to East River Rd Bicycle Facilities (TIP ID 03-08-0002)

This project was originally approved for \$452,000 federal CMAQ (\$565,000 total) for construction in FFY 2008. A cost increase for construction was approved in 2009 for \$78,492 CMAQ federal (\$98,115 total), for a total cost of \$530,492 CMAQ federal (\$663,115 total). In 2012 a cost increase for additional phase 2 engineering was approved for \$45,600 federal CMAQ (\$57,000 total) for a total cost of \$576,092 federal CMAQ (\$720,115 total).

The sponsor is requesting a cost increase for construction in the amount of \$516,508 federal CMAQ (\$731,085 total) for FFY 2015. The reason for the request is due to an increase in the Engineer's estimate of cost between 2009 (when the project plans were originally prepared) and today. If the requested cost increase is granted the total programmed amount would increase to \$1,092,600 federal CMAQ (\$1,451,200 total).

A re-ranking was completed with the project ranking changing from 6th to 13th among all 2008 Bicycle Facilities projects. This project is targeting the September 19, 2014 state letting.

**Recommendation to the CMAQ Project Selection Committee:** Staff recommends approval of the requested cost increase of \$516,508 federal CMAQ (\$731,085 total) for construction for a project total of \$1,092,600 federal CMAQ (\$1,451,200 total) for Des Plaines – Central Ave from Wolf Rd to East River Rd Bicycle Facilities (TIP ID 03-08-0002).

### IDOT – IL 394 at Sauk Trail (TIP ID 07-12-0001)

This project was originally approved for a total of \$108,000 federal CMAQ (\$135,000 total) for ROW in FFY 2012 (currently programmed and authorized in FFY 2013) and \$540,000 federal CMAQ (\$675,000 total) for construction in FFY 2013 (currently programmed in FFY 2014) for a project total of \$648,000 federal CMAQ (\$810,000 total).

The sponsor is requesting a cost increase for construction in the amount of \$932,000 federal CMAQ (\$1,165,000 total) for FFY 2014. \$542,560 federal CMAQ (\$682,000 total) was authorized by FHWA on June 24, 2014 in anticipation of an August 1, 2014 letting, however this letting schedule was unable to be met due to Special Waste plan requirements not being complete. A new final design construction estimate based on detailed quantity calculations and current bid tab pricing is now available. If the requested cost increase is granted the total programmed amount would increase to \$1,580,000 federal CMAQ (\$1,975,000 total). The current target letting is November 7, 2014.

A re-ranking was completed with the project ranking changing from 2<sup>nd</sup> to 14<sup>th</sup> among the 2012-2016 Intersection Improvement proposals. The ranking among GO TO 2040 supportive projects changed from 1<sup>st</sup> to 6<sup>th</sup>.

CMAQ0714 3

**Recommendation to the CMAQ Project Selection Committee:** Staff recommends approval of the requested cost increase of \$932,000 federal CMAQ (\$1,165,000 total) for construction for a project total of \$1,580,000 federal CMAQ (\$1,975,000 total) for IDOT – IL 394 at Sauk Trail (TIP ID 07-12-0001).

### McHenry – IL 31 from McCullom Lake Rd to IL 120 (TIP ID 11-03-0007)

This project was originally approved for \$290,641 federal CMAQ (\$363,301 total) for phase I engineering in FFY 2007, \$494,400 federal CMAQ (\$618,000 total) for phase 2 engineering in FFY 2010, \$1,200,000 federal CMAQ (\$1,795,200 total) for ROW in FFY 2012, and \$554,959 federal CMAQ (\$693,699 total) for construction in FFY 2013, for a project total of \$2,540,000 federal CMAQ (\$7,350,000 total). This project also has STP-L, STP-E, state and local funds for elements outside the scope of the CMAQ project. A cost increase was approved in 2012 for \$2,785,241 federal CMAQ (\$3,481,551 total), after which ROW increased to \$1,795,200 federal CMAQ (\$2,244,000 total), and construction to \$3,299,959 federal CMAQ (\$4,124,949 total), for a project total of \$5,325,241 federal CMAQ (\$12,997,000 total).

The sponsor is requesting to transfer \$145,360 federal CMAQ (\$181,700 total) from Phase 1 engineering to ROW along with a cost increase of \$213,637 federal CMAQ (\$267,045 total) for ROW and \$500,000 federal CMAQ (\$625,000 total) for construction. The increase in ROW is being requested due to higher than anticipated land acquisition cost while the increase in construction cost is due to a high bid and a larger than anticipated amount of special waste disposal, encountered during construction, which began in early 2014. If the request is approved the total programmed amount would increase to \$6,038,000 federal CMAQ (\$13,450,000 total).

A re-ranking was completed with the project ranking changing from 2<sup>nd</sup> to 4<sup>th</sup> among all 2005 Intersection Improvement proposals.

**Recommendation to the CMAQ Project Selection Committee:** Staff recommends approval of the requested transfer of cost increase of \$145,360 federal CMAQ (\$181,700 total) from phase 1 engineering to ROW along with a cost increase of \$213,637 federal CMAQ (\$267,045 total) for ROW and \$500,000 federal CMAQ (\$625,000 total) for construction for a project total of \$6,038,000 federal CMAQ (\$13,450,000 total) for McHenry – IL 31 from McCullom Lake Rd to IL 120 (TIP ID 11-03-0007).

### **Administrative Modifications**

Staff completed the following administrative modification:

## Lake County DOT – Hart Rd at US 14/W Northwest Hwy (10-00-0129)

The sponsor requested to reprogram the ROW phase from FFY 2015 to 2014. The local agency agreement was sent to central office on June 30, 2014 for authorization. There are sufficient funds available in FY 2014 in the TIP, therefore staff undertook this change as an administrative modification.

CMAQ0714 **4**